

Thank you for choosing the products of Armytek Optoelectronics Inc., Canada.
Please read this manual carefully before using the flashlight.

Specifications

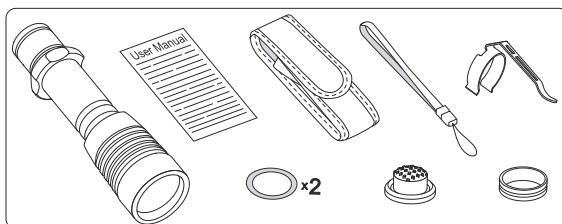
Armytek Viking PRO flashlights were initially designed for Hunters and Special Forces, but are also perfectly suitable for Camping, Fishing, Diving and other Outdoor activities where a reliable light source is needed. We develop Armytek Viking PRO flashlights taking into account the highest users' requirements and implement in the production only the best electronic components produced in the USA and Japan. Updated Cree LEDs (USA) and reliable electronics supply the effective conversion of power source energy into light, while a durable anodized aluminium-alloy body and hermetic sealing system provide secure protection from external impact.

There are three kinds of Armytek Viking PRO flashlights distinguished by the LED type: white and warm light (Viking PRO Warm). Following chart specifies the main characteristics of Armytek Viking PRO flashlights, existing at the moment this manual was released.

Model	Viking PRO	Viking PRO Warm
LED	Cree XM-L2 U2	Cree XM-L2 T6
Brightness stabilization type	FULL stabilization (constant brightness)	
Light output, LED lumen	850 lm	760 lm
Hotspot / Spill	10 / 40 degrees	10 / 40 degrees
Beam distance	270 yard / 250 meters	220 yard / 200 meters
Hotspot diameter at 330 feet / 100 meters	52 feet/ 16 meters	52 feet/ 16 meters
Modes and Runtimes* (measured for Panasonic 18650 Li-Ion NCR 2900mAh battery)	850 lm / 2 h 40 min 200 lm / 7 h 70 lm / 20 h 6 lm / 155 h	760 lm / 2 h 40 min 180 lm / 7 h 62 lm / 20 h 6 lm / 155 h
Recommended power source	1x18650 Li-Ion / 2xR123 Li-Ion / 2xCR123A	
Size	Length 6.1"/155mm, head diameter 1.56"/39.5mm, body diameter 1"/25.4mm	
Weight (without batteries)	5.82 oz / 165 g	

* Runtimes were measured to the decrease to 10 % of initial brightness.

Set description

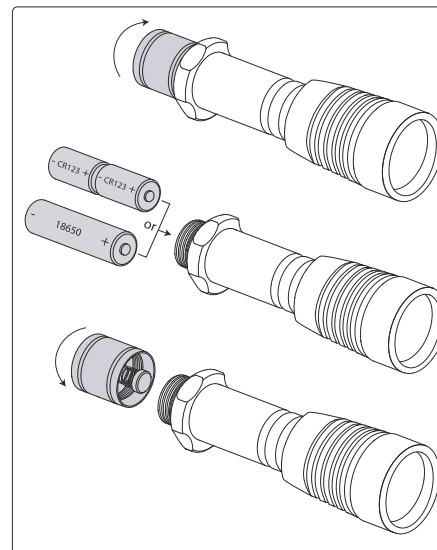


Items included in the package:

- Flashlight
- Holster
- Lanyard
- 2 spare O-rings
- Spare rubber button
- Clip
- Rubber grip (is put on flashlight)
- Rubber ring to substitute the grip
- User manual

- ⚠ 1. The flashlight and package can inconsiderably differ from the pictures in the manual.
2. The producer reserves the right to change the package at his own discretion without modifying this manual.

Initial Service

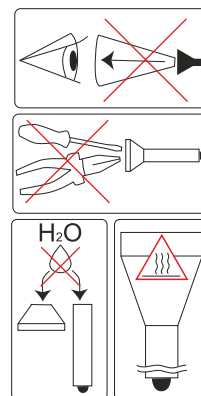


To set/replace batteries:

1. Unscrew the tailcap.
2. Place the batteries with the positive contact (+) facing the head of the flashlight.
3. Adjust the tailcap and tighten it as far as it can go.

⚠ We recommend NOT to leave power sources inside the flashlight for a long storage period, as batteries (especially, non-rechargeable) can leak for various reasons and damage the inner parts of the flashlight. If you want to keep your flashlight in a stand-by state with batteries in, use new and quality batteries, store the flashlight in acceptable for batteries operational temperature and revise the batteries' state at least once a month. If you have noticed any signs of batteries' defects, withdraw them from the flashlight and take out of operation. It is also recommended to replace discharged batteries with new ones before the storage as the chance of leakage is higher with discharged batteries.

Warnings



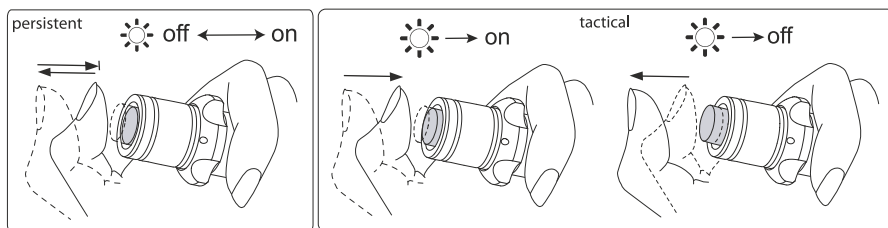
1. Always follow the instructions from this manual and recommendations on battery usage.
2. Apply only the recommended power sources.
3. Do not reverse battery polarity.
4. Do not use different power sources together, including old ones with new ones, charged with discharged. Do not use different types of batteries combined as the element with less capacity can be damaged.
5. Do not modify or recast the flashlight and its components as it will deprive you of the warranty.
6. Do not allow water or any other liquid to leak into the flashlight.
7. Do not aim a turned on flashlight at people's or animals' eyes – it can cause temporary blindness.
8. Be careful during the long-time flashlight operation as some parts of the body may heat up.
9. Do not allow children to use the flashlight without your assistance.
10. Be careful while using rechargeable batteries – Armytek flashlights are designed to consume all the available battery power and don't protect batteries from over-discharge.

⚠ Armytek Optoelectronics Inc., Canada shall not be liable for any harm done to the user if it was caused by improper use of the product.

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Operation

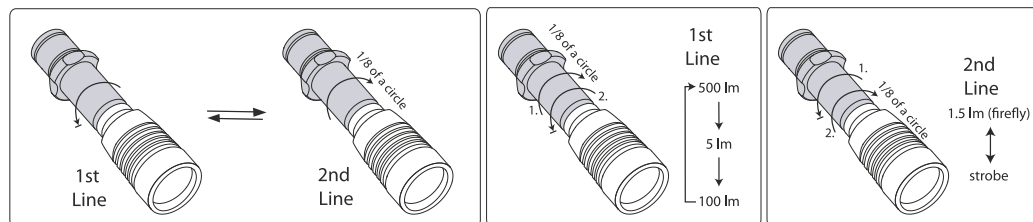
Armytek Viking PRO flashlight can be turned on in two ways: persistent and tactical. Full pressing of the button to the click provides the persistent turning on. The flashlight will deliver light till you turn it off with second full pressing. Tactical turning on is performed by holding the button half pressed. The flashlight will provide light till the button is released.



Armytek Viking PRO has two mode lines. First Line is accessible when the head of the flashlight is tightly screwed to the body (it touches the contact ring). To switch to the Second Line, loosen the head on 1/8 of a circle and wait for 1–2 seconds. To switch to the First Line again tighten the head and wait for 1–2 seconds.

The modes in each mode line are switched cyclically in the order they are set in the flashlight memory. To switch modes in the First Line quickly (within 1 second) turn the body of the flashlight on 1/8 of a circle counter-clockwise, and then turn the body clockwise to the maximum.

To switch modes in the Second Line quickly (within 1 second) turn the body of the flashlight on 1/8 of a circle clockwise to the maximum, and then bring it to the initial position.



On default the following modes are available:

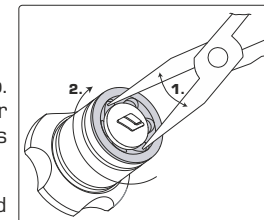
- in the First Line: 850 lm, 6 lm, 200 lm
- in the Second Line: Strobe (15 Hz), Firefly 1.5 lm

Care and Storage

In case the rubber button is damaged, it should be replaced.

Replacement order:

1. Unscrew the tailcap.
2. Unscrew the thread ring gage, which holds the rubber button in the cap. To do so you should use needle-nose pliers (round-nose pliers or another tool: most suitable will be expansion pliers). Use the tool as it is shown at the picture.



⚠ Do not disassemble the flashlight except for unscrewing the thread ring gage and replacing the rubber button. There are no other parts in the flashlight that can be replaced by the user.

It is recommended to clean the threads and O-ring off dirt and old grease. Remember that secure protection from water and dust cannot be provided by worn out sealing and fouling as well as lack of lubricant cause fast wear-out of threads and sealing rings.

To clean the thread do the following:

1. Unscrew the tailcap and remove the sealing ring carefully with a toothpick (do not use sharp metal things as it can damage the ring).
2. Wipe the sealing ring thoroughly with a soft cloth (or tissue). Do not use solvents. If the sealing ring is worn out or damaged replace it by a new one.
3. Clean the metal threads with a brush using ethanol. Be careful not to allow applied liquid to get inside the flashlight or tailcap as it can cause fails in functionality of the flashlight.

After cleaning lubricate the thread and the sealing ring with polyalphaolefin-based silica grease, e.g. Nyogel 760G. The application of automotive and other improper grease can cause swelling and damage of the sealing rings.

In case of active operation and application in dusty environments it is recommended to perform cleaning and lubricating of the parts as often as required, even if it is more than twice a year.

Service and Warranty

Armytek provides free warranty repair for 10 years from the purchase.

Warranty doesn't cover damage caused by:

1. Improper usage.
2. Attempts to modify or repair the flashlight by nonqualified specialists.
3. Longtime application in chlorinated or polluted water, or other liquids (other than water).
4. High temperatures and chemicals' exposure, including the liquid from defected batteries.
5. Usage of low-quality batteries.

Armytek Optoelectronics Inc.

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Specifications are subject to change without notice.